O I P E JC25
JAN 05 2004
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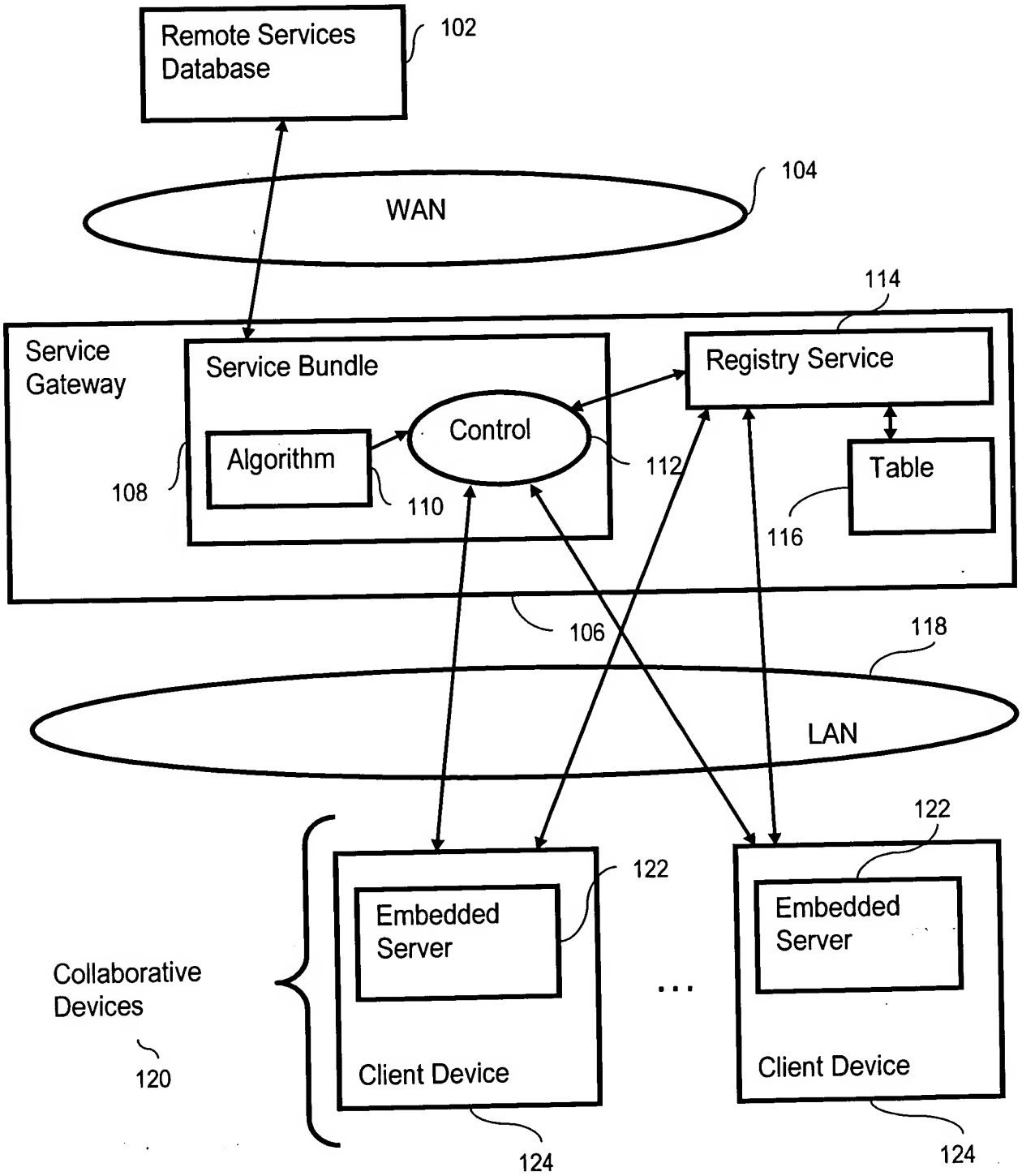

Figure 1

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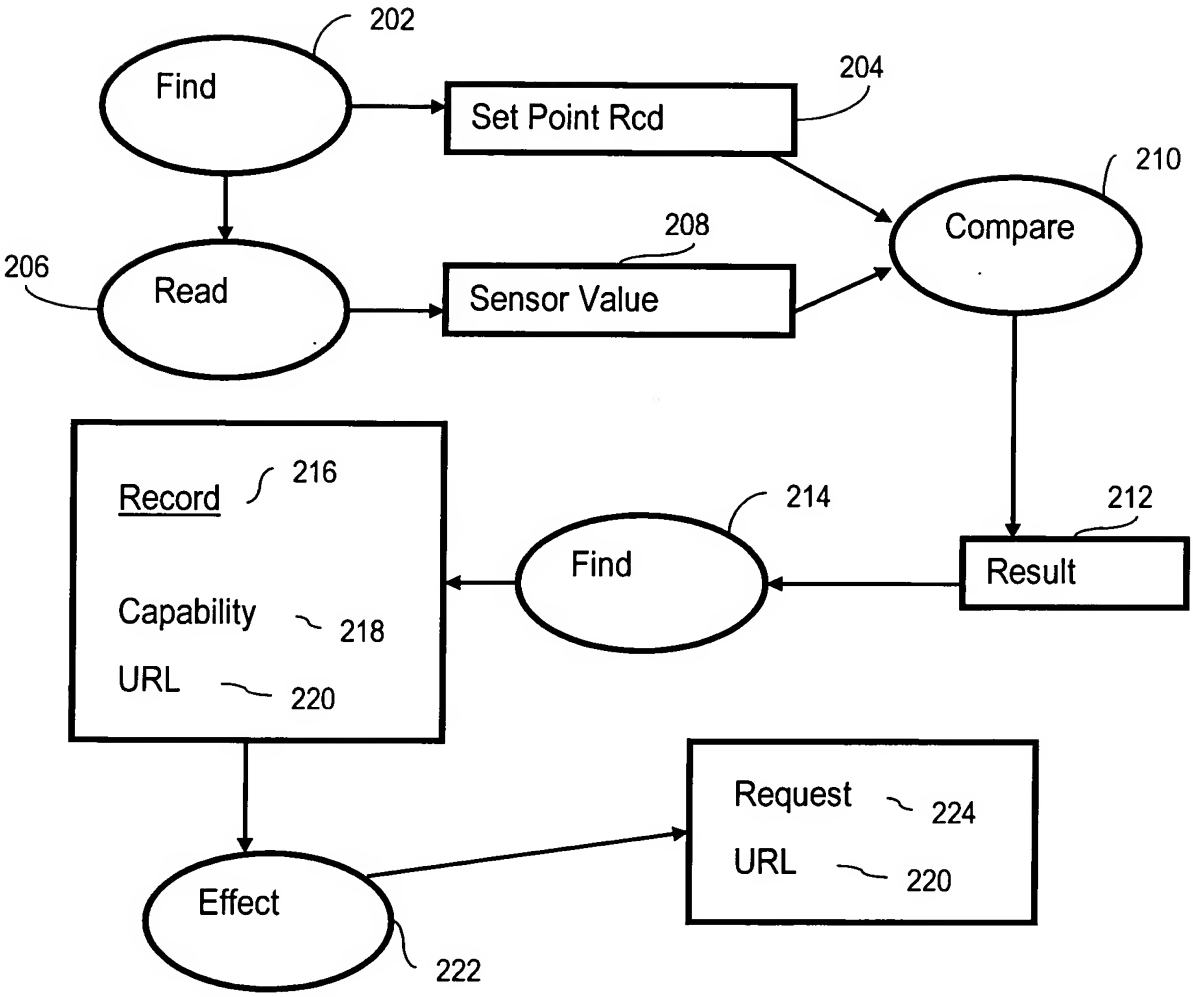

Figure 2

JAN 05 2004

	Device Name (320)	Tertiary Relationship (318)	Capability	Network Connectivities (URLs) (322)	Effects
302	Window Shade	Temperature Control	Raise Temp	\\192.168.0.2\ servlet?function=" up"	Raises Window Shade
304	Window Shade	Temperature Control	Lower Temp	\\192.168.0.2\ servlet?function= "down"	Lowers Window Shade
306	Heater	Temperature Control	Raise Temp	\\192.168.0.3\ servlet?function= "on"	Turns on furnace and blower
308	Heater	Temperature Control	Lower Temp	\\192.138.0.3\ servlet?function= "off"	Turns off furnace and blower
310	Air Condi-tioner	Temperature Control	Lower Temp	\\192.168.0.3\ servlet?function= "on"	Turns on A/C and blower
312	Air Condi-tioner	Temperature Control	Raise Temp	\\192.168.0.3\ servlet?function= "off"	Turns off A/C and blower
314	Thermo-meter	Temperature Control	Sensor	\\192.168.0.3\ servlet?function= "temp"	Returns Sensor Value of Internal
316	System	Temperature Control	Set Point	"73 to 77 degrees Fahrenheit"	Temp Control Set Point Range

Figure 3

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Device Name	Tertiary Relationship	Capability	Network Connectivities (URLs)	Effect
Internet Weather Service	Temperature Control	Sensor-Outdoor Light Level	\\192.168.0.5\ servlet?Latitude= MyLat + Longitude=MyLong	Returns Outdoor Light Level as Solar Index at Location
Window Shade	Temperature Control	Raise Temp-No Fossil Fuel	\\192.168.0.2\ servlet?function= "up"	Raises Window Shade
Window Shade	Temperature Control	Lower Temp-No Fossil Fuel	\\192.168.0.2\ servlet?function= "down"	Lowers Window Shade

320 318 322

402 404 406

Figure 4

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	Device Name (320)	Tertiary Relationship (318)	Capability	Network Connectivities (URLs) (322)	Effect
502	Table Lamp	Living Room Illumination Control	On Low	\\192.168.0.4\ servlet?TableLamp= "on-Low"	Lamp on Low
504	Table Lamp	Living Room Illumination Control	On Medium	\\192.168.0.4\ servlet?TableLamp= "on-Med"	Lamp on Medium
506	Table Lamp	Living Room Illumination Control	On High	\\192.168.0.4\ servlet?TableLamp= "on-Hi"	Lamp on High
508	Table Lamp	Living Room Illumination Control	Off	\\192.168.0.4\ servlet?TableLamp= "off"	Lamp off
510	North Window Shade	Living Room Illumination Control	Up	\\192.168.0.6\ servlet? function="up"	Raise North Window Shade
512	North Window Shade	Living Room Illumination Control	Down	\\192.168.0.6\ servlet? Function="down"	Lower North Window Shade
512	West Window Shade	Living Room Illumination Control	Up	\\192.168.0.7\ servlet? function="up"	Raise West Window Shade
512	West Window Shade	Living Room Illumination Control	Down	\\192.168.0.7\ servlet? Function="down"	Lower West Window Shade
514	Photo-cell	Living Room Illumination Control	Sensor	\\192.168.0.8\ servlet?function= "LightLevel"	Returns Sensor Value
516	System	Temperature Control	Set Point	"800 to 1000 foot candles"	Returns Sensor Value

Figure 5